

MONUMENT RECORD

Corner ID: **Pol_i11**

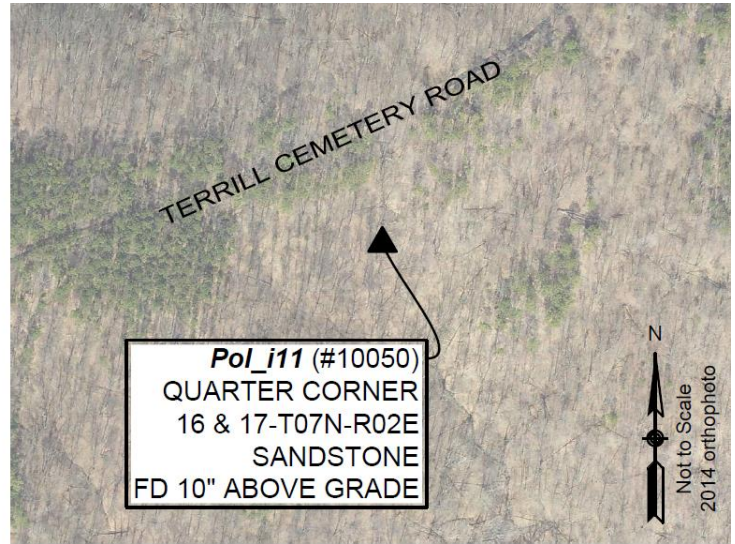
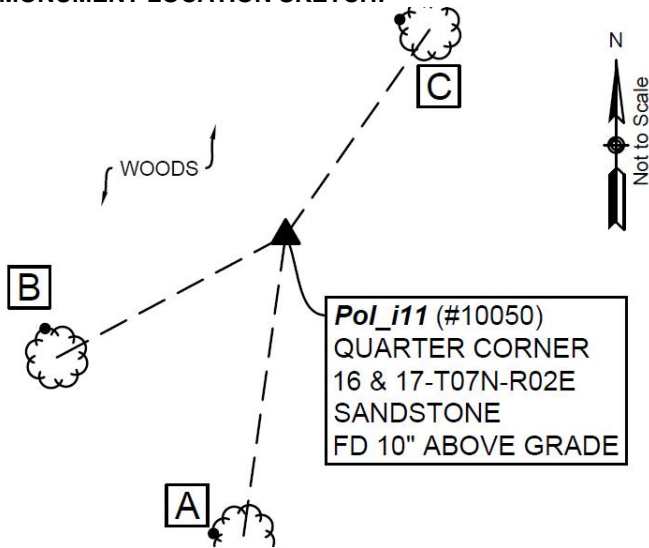
Quarter Corner

Sections 16 & 17- T07N-R02E, 2nd P.M.
Polk Township, Monroe County, Indiana &
Salt Creek Township, Jackson County, Indiana

	Monroe	Jackson	
17		16	

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
5" x 10" sandstone scribed "1/4 S" on east side found 10" above grade.

MONUMENT LOCATION SKETCH:



WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. All ties to new Bearing Trees (BT's) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail. Distances to witness ties were measured with a Leica Disto laser distance meter. Bearings were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north.

ID	Bearing	Distance	Description
A	S 8° W	25.1'	Mag nail in USDA washer found 0.9' above grade on the west side of a 24" chestnut oak with Bearing Tree tag 4.45' above grade
B	S 62° W	21.5'	Mag nail in USDA washer found 1.0' above grade on the north side of a 18" shagbark hickory with Bearing Tree tag 4.3' above grade
C	N 35° E	20.8'	Mag nail and washer set in hack 0.7' above grade on the west side of a 10" tight-bark hickory

PHOTO IDENTIFIED: Photo Date: 12/26/2018



Photo Orientation & Description: Pol_i11



Photo Orientation & Description: Looking southwest at Pol_i11



OFFICE OF THE MONROE COUNTY SURVEYOR • Trohn Enright-Randolph

119 W 7th Street, Bloomington, IN 47404 • 812-349-2570 • surveyoroffice@co.monroe.in.us

Page 1 of 3

MONUMENT RECORD

Corner ID: **Pol_i11**

Quarter Corner

Sections 16 & 17- T07N-R02E, 2nd P.M.
Polk Township, Monroe County, Indiana &
Salt Creek Township, Jackson County, Indiana

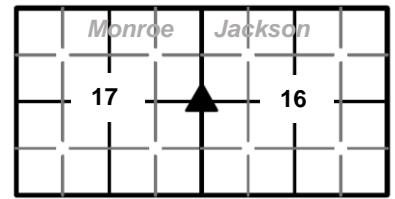


Photo Orientation & Description: Looking northeast at Pol_i11



Photo Orientation & Description: Looking southeast at Pol_i11

EXISTING SURVEY HISTORY Include as much detail and history of the corner as known at the time of perpetuation

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_DV02P275 & F_DV02P276

Original monument: Wooden Post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Gum	6"	N 77° E	7 lks
B. Oak	12"	S 83° W	20 lks

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 4/30/1856 By: James Spencer, MCS

Where filed or recorded: MCSO LSB 1, PG 301

Original monument: post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Black Gum	10"	N 88.5° E	10 lks
Chestnut Oak	20"	S 70.5° W	16 lks

Notes: 2623.5 feet south of the NE corner of Sec. 17

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 8/13/1856 By: Jackson County Surveyor's Office

Where filed or recorded: Book 2, page 172

Original monument: Sandstone "1/4 S"

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Gum (new)	8"	S 33° W	30 lks
Gum (original)	6"	N 77° E	7 lks

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 11/10/2018 By: Boy Scout Troop 348

Where filed or recorded: State of Indiana Hoosier National Forest
Land Corner Record Index L-9

Original monument: Found sandstone scribed "1/4 S"

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Chestnut Oak	24"	S 26° W	25.15'
Shagbark Hickory	18"	S 74° W	21.5'

Notes:

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND: Include, search area or areas, search procedure, etc.

Date of Field work/Search: 12/26/2018 By: R.Oser Monument Found: Stone BTs or Reference Objects Found: No original reference objects found. All BTs from State of Indiana Hoosier National Forest Land Corner Record found in good condition Project #: Polk7N2E Field Book: 52/75 Notes: Approximately six weeks before we visited the stone, it was found and witnessed by Darren Norrington of the Hoosier National Forest and members of Mitchell's Boy Scout Troop 348, including Jon Drake, Kevin Johnson, Andrew Norrington, Chase Sears, and Doug Johnson. Darren Norrington supplied us with the Hoosier National Forest Land Corner Record, and we were so thrilled with the discovery of the new stone that we wanted to see it for ourselves.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

None found.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

From the Forest Service gate on Terrill Cemetery Road (4731.070) at the Hickory Ridge fire tower, travel north on Terrill Cemetery road for approximately 0.6 miles, being approximately 800 feet northeast of the intersection of Axsom trail with Terrill Cemetery Road. Travel southeast approximately perpendicular to the road for about 175 feet.

Located on a south facing slope, approximately 175 feet north of a large drainage, 47 feet east of a north-south side drainage and



OFFICE OF THE MONROE COUNTY SURVEYOR • Trohn Enright-Randolph

119 W 7th Street, Bloomington, IN 47404 • 812-349-2570 • surveyoroffice@co.monroe.in.us

Page 2 of 3

MONUMENT RECORD

Corner ID: **Pol_i11**

Quarter Corner

Sections 16 & 17- T07N-R02E, 2nd P.M.
Polk Township, Monroe County, Indiana &
Salt Creek Township, Jackson County, Indiana

	Monroe	Jackson	
	17	▲	16

12.5 feet west of a 1 foot deep north-south drainage channel. Pine stand visible to the west and northwest. Terrill Cemetery Road is not visible from the corner, but hikers can be seen from it.

MONUMENT PRESERVATION: *Describe work done to preserve existing monument.*

Darren Norrington set a Deep One magnet 14" below grade on the south face of the stone. Orange flagging was tied to the stone and a five-foot t-post was set 0.9' south of the center of the stone with a Monroe County "PROTECT NEARBY SURVEY MARKER" sign set facing north 2.8 above grade.

THEORY OF LOCATION: *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*
The stone was accepted as the best evidence of the corner with no associated uncertainty.

GEODETIC COORDINATES: *Northing:* 1382504', *Easting:* 3170127'

BASIS OF GEODETIC COORDINATES: The basis of bearings is Grid North System NAD83 (2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid12b_conus.db3, US Survey Feet. Tied to NSRS using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 2 base. Positional values of this corner were determined from static GNSS and RTK GNSS (Javad Triumph LS Rover) observation.

CERTIFICATIONS:



Rachel Oser

Date: 07/19/2019
Rachel Oser, State of Indiana
Professional Surveyor
No.21100022



Trohn Enright-Randolph

Date: 07/19/2019
Trohn Enright-Randolph
Monroe County Surveyor




Accepted by the Monroe
County Surveyor Review
Board on 07/02/2019





Index:	L-9	Corner:	1/4	LAND CORNER RECORD				State of Indiana Hoosier National Forest	
Twnshp:	7N	Range:	2E	Section:	17 16	2 nd P.M.	County	Monroe Jackson	
EXISTING SURVEYS									
Original Government Survey					Original Survey Evidence Found				
Year Surveyed:	1815	By:	Arthur Henrie		Date of Search:		By:		
Original Monument:	Wood Post				Monument Found:				
Species	Diameter	Bearing	Distance		Species	Diameter	Bearing	Distance	
Gum	6 inch	N 77° E	7 links						
Black Oak	12 inch	S 83° W	20 links						
Subsequent Corner Restoration					Evidence of Subsequent Corner Restoration Found				
Where Filed or Recorded:	Jackson County Surveyor's Office				Year Searched:	11/10/2018	By:	Boy Scout Troop 348	
Book: 2	Page: 172	Date:	8/13/1856		Monument Found	Stone scribed "1/4 S"			
Monument Set:	Sandstone "1/4 S"								
Species	Diameter	Bearing	Distance		Species	Diameter	Bearing	Distance	
Gum	6 inch	N 77° E	7 links		Gum	8 inch	S 33 W	30 links	

OTHER EVIDENCE

Describe corner loc. relative to nearby features & dir. to corner location; note fences, roads, etc.	Sketch of Monument
<p>From the Forest Service gate on Terrill Cemetery Road (4731.070) at the Hickory Ridge fire tower, travel north on Terrill Cemetery Road for approximately 0.6 miles, being approximately 800 feet northeast of the intersection of Axsom trail with Terrill Cemetery Road. Travel southeast approximately perpendicular to the road for about 175 feet.</p> <p>Stone scribed "1/4 S", measuring 5" x 10" x 24" was found leaning significantly to the east, but firmly in the ground. Approximately 4" of the stone's 24" length was visible above ground when initially found. I removed the stone from the ground to search for scribing. Stone was reset in the same hole and set upright, with approximately 10" exposed. A Deep One magnet was set 14" below grade along the south face of the stone.</p> <p>Located on a south facing slope, approximately 175 feet north of a large drainage, 47 feet east of a north-south side drainage and 12.5 feet west of a 1 foot deep north-south drainage channel. Pine stand visible to the west and north west. Terrill Cemetery Road is not visible from the corner, but hikers can be seen from it.</p> <p>Members of Mitchell's Boy Scout Troop 348 assisted me in the search for this corner, including Jon Drake, Kevin Johnson, Andrew Norrington, Chase Sears as well as Doug Johnson.</p> <p>The State Plane coordinates shown at the bottom were collected using a resource grade Trimble GEO XT unit. The horizontal precision was 4.3 feet.</p>	

PERPETUATION RECORD

Monument: Describe new monument set or work done to perpetuate/preserve the existing monument/position.							
<div style="writing-mode: vertical-rl; transform: rotate(180deg);">South View</div> 	<div style="writing-mode: vertical-rl; transform: rotate(180deg);">West View</div> 						
Corner Diagram		Accessories: Describe new BTs & witness objects established to perpetuate existing evidence.					
Sec 17	Sec 16	Chestnut Oak (visible in south photo) 24" Diameter S 26° W, 25.15 feet New BT tag, Mag nail and washer on west side of tree		Shagbark Hickory (visible in west photo) 18" Diameter S 74° W, 21.5 feet New BT tag, Mag nail and washer on north side of tree			
Monroe County	Jackson County	Corner Recordation:		Certificate Prepared:			
		Filed and Recorded in County records:		Date:			
		Book:		Page:			
Section: 16 & 17		Geodetic Coordinates:		Lat./N.	1382520	Long./E.	3170128
		Edited By:	Darren Norrington		Date Created:		11/13/2018